

Notice of Allowability

Application No.

09/931,650

Examiner

Andy Ho

Applicant(s)

MISHRA ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 12/8/2005.
2. ☒ The allowed claim(s) is/are 1-3, 6-9, 11-12, 15-17 and 19-24, renumbered as 1-18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2/15/2006.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Brian Pangrle (Attorney Reg. No. 42,973) on 2/15/2006.

In the claims:

I. Claim 1,

(i) line 1, insert before "method" - - computer-implemented - -;

(ii) line 13, insert before "." - - , wherein the code for the reference class comprises code associated with a bytecode framework and further comprising converting the code for the referenced class to a converted reference class code capable of execution on the intermediate language code framework - -;

II. Cancel claims 5.

III. Claim 7,

(i) line 2, insert before "to detect" - - to receive an initial code associated with a bytecode framework, the initial code including a reference to a referenced

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class of the bytecode framework; to convert the initial code to a converted code capable of execution on an intermediate language code framework; to execute the converted code on the intermediate language code framework; to detect a need for the referenced class during execution of the converted code on the intermediate language code framework; - -;

ii) lines 2-3, delete "to detect a need for a referenced class, the referenced class comprising code associated with a bytecode framework;"

IV. Claim 8,

(i) line 1, insert before "method" - - computer-implemented - -;

V. Claim 12,

(i) line 1, insert before "system" - - computer - -;

(ii) line 6, delete "and wherein"

(iii) line 6, insert before "the applet" - - ; wherein upon detection of a need for a referenced class associated with the bytecode framework, during execution of the converted code on the intermediate language code framework, - -;

(iv) line 7, insert before "class files" - - one or more - -;

(v) line 7, insert before "class file code" - - the referenced - -;

(vi) line 8, delete " , "

(vii) line 8, insert before "the converter" - - ; wherein - -;

(viii) line 10, insert before "the intermediate" - - wherein - -;

VI. Claim 19,

(i) line 1, insert before "system" - - computer - -;

VII. Claim 24,

(i) line 1, insert before "method" - - computer-implemented - -;

3. The following is an examiner's statement of reasons for allowance:

The cited prior art does not teach or render obvious the invention as recited in independent claims. More specifically, the cited prior art does not teach the code for the reference class comprises code associated with a bytecode framework and further comprising converting the code for the referenced class to a converted reference class code capable of execution on the intermediate language code framework,when taken in the context of the claim as a whole.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andy Ho whose telephone number is (571) 272-

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3762. A voice mail service is also available for this number. The examiner can normally be reached on Monday – Friday, 8:30 am – 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on (571) 272-3718.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIM) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

Any response to this action should be mailed to:

Commissioner for Patents

P.O Box 1450

Alexandria, VA 22313-1450

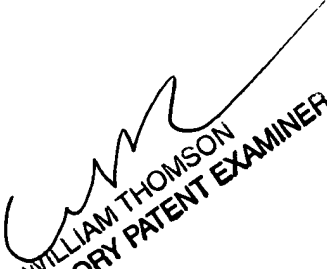
Or fax to:

- AFTER-FINAL faxes must be signed and sent to (571) 273 - 8300.
- OFFICAL faxes must be signed and sent to (571) 273 - 8300.
- NON OFFICAL faxes should not be signed, please send to (571) 273 – 3762

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A.H
February 15, 2006


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